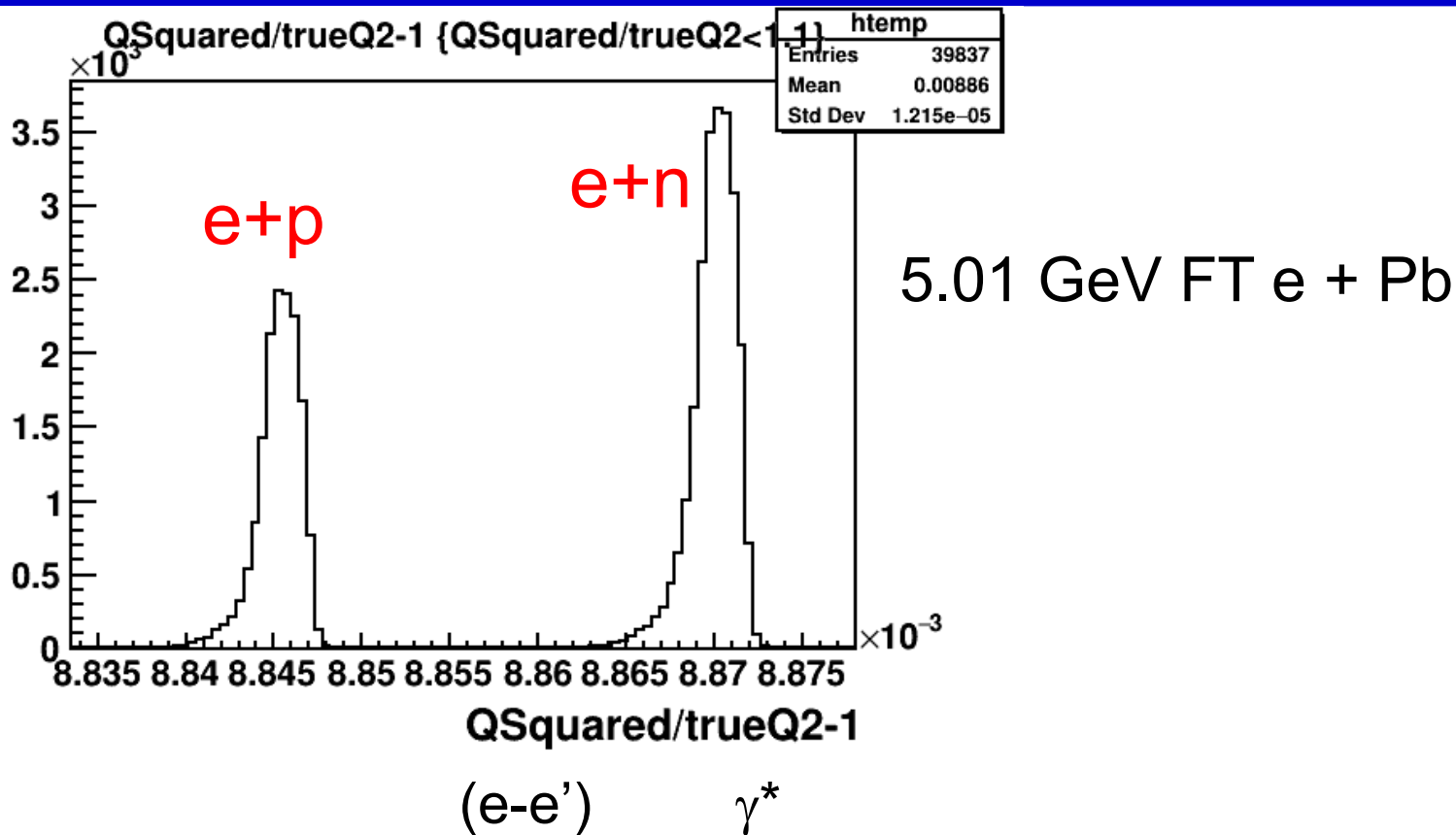


Liang's pygaga fix & BeAGLE

Mark D. Baker

27-FEB-2020

The issue (or one symptom)



BEFORE:

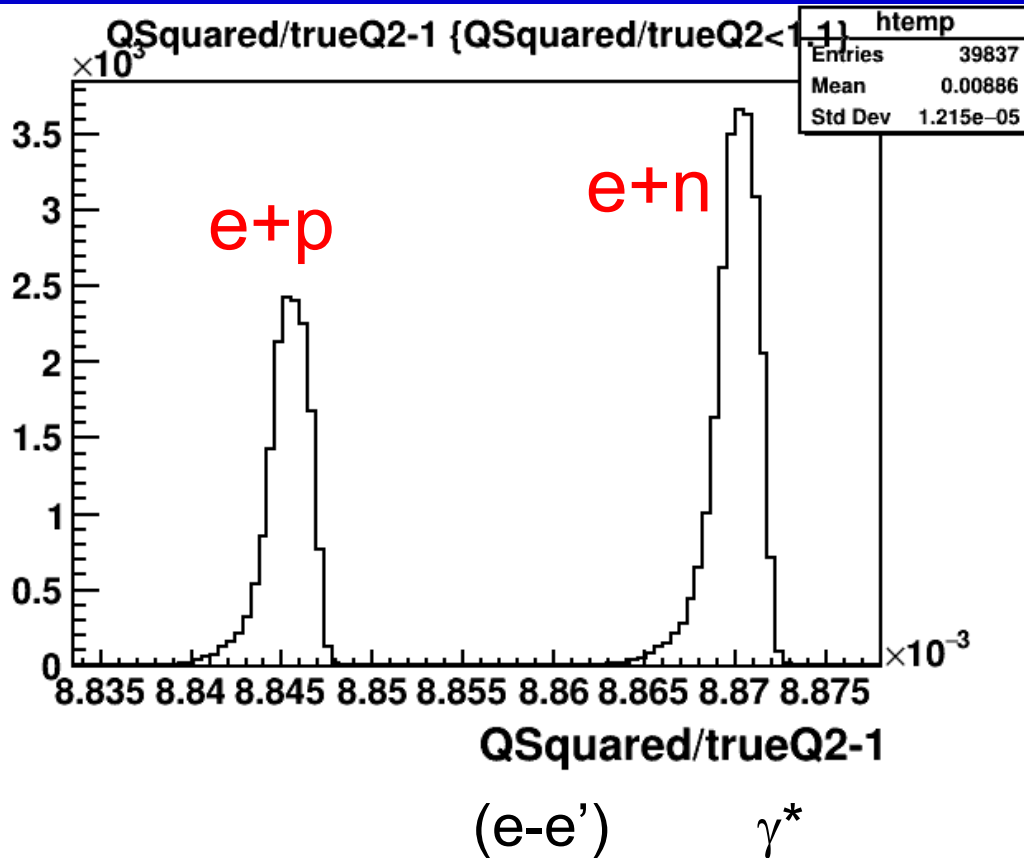
Every event off by
0.9% (or more)

Minor points of confusion

- Differing starting pygaga.f
 - Unrelated changes – needed merging.
- S/R PYGAGA(IGAGA,...)
- Both IGAGA=3 and IGAGA=5(Elke radcor mod) have very similar code for THETA(I) (of e')
 - We use IGAGA=5
 - Changing IGAGA=3 is not necessary, but I did it also (originally I did it instead).

Liang's fix worked!

5.01 GeV FT e + Pb



BEFORE:

Every event off by
0.9% (or more)

AFTER:

99.6% of events
Good to 1ppm

